$(360° - 347.25°)/0.0128122°$ per year = in 995 years.

$(360° - 342.5°)/0.0128122°$ per year = in 1365 years.

Thus, there is one millennium to come before the end of the ages. Mystics talk of a thousand years of peace to rein on Earth; this is in time. "Christ has died (Age of Aries), Christ is risen (of Pisces), Christ will come again (as Messiah, of Aquarius)".

Ptolemy, in his *Tetrabiblios*, relates his astrological facts regarding the unique stars within each different constellation along the ecliptic's belt. He makes comments on the astrological power of the stars, bearing on the "power of the fixed stars", with reference to those ones occupying the figures in the zodiac.

The constellation Pisces ends at its star, γ Pisces, (α=349.25°): hence marking the vernal equinox until 2839 AD; the constellation Aquarius begins at star, φ Aquarius, (α=348.5°), at the water vessel: marking the equinox starting in 897 years. Under the IAU constellation mappings, the constellation Aquarius begins at 23:54' (α=358.5°): thus marking the equinox in 2117 AD.

This concludes the section detailing means for determining the zodiac sign to degree on the mapping systems' equinox origin.

DESCRIPTION OF THE DRAWINGS

Figure 1, top, contains the Positions of the Zodiac Signs, each Sign determined with respect to its named Constellation, each of the twelve zodiac Signs of equal thirty degree length. In Figure 1, bottom, gives Positions of the Zodiac Constellations.

Figure 1A presents the Method of Determining Zodiac Signs, and Zodiac Components based thereon, by 30/360 Grid; Figure 1B, by Star-based method; Figure 1C, by zodiac Symbol. Figure 1D presents the Method for Revealing or Predicting the Astrological Character of a Subject.
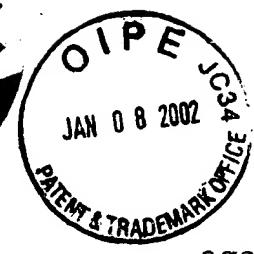
Figure 2 diagrams the Process for Measuring Ecliptic
Positions of Stars, used for Star Catalogues of Figures 2A-2H.

Figures 2A, 2B, 2C and 2D provide Catalogue of the Fixed
Stars of the Zodiac Constellations in Ecliptic Coordinates by
Longitude and Latitude, longitudinal positions given in degree of
360. In right column, star position is given by 30/360° per Sign.
Figures 2E, 2F, 2G and 2H provide Catalogue of the Zodiac Symbols
and Symbol Parts.

Rendered Device of Figure 9B; Figure 9C is the same Example's Chart utilizing the Device of Figure 9B; Figure 9Cc is a Computer Rendered Chart utilizing the Device of Figure 9Bc. Figure 9CI shows subject's 30/360 grid-, star- and symbol-based positions. Figure 9D is the Astrological Mapping Device with the Calendar Dates of Sun Signs. Figure 9E is the Astrological Mapping Device with Zodiac Signs only, each of 30 degrees.

Figure 9F re-presents the invention's 30/360 Grid-Based Astrological Mapping Device, wherein the Twelve Zodiac Constellations are each assigned 30 of 360 degrees. The Figure 9G presents the astrological mapping device based on the Constellation Positions defined in the bottom chart of Figure 1. The device of Figure 9G contains the actual layout of the physical stars in the constellations. Figure 9Gc is a Computer Rendered Device of Figure 9G. The Figure 9H contains an Example Chart based on the zodiac component positions determined using the zodiac mapping of Figure 1, bottom, for same subject, and the Device of Figure 9G. Figure 9Hc is a Computer Rendered Chart utilizing the Device of Figure 9Gc. The Figure 9Ic is the Computer Rendered Device of Figure 9c, but Western 30/360 signs.

Figure 10, Horoscopes, based on invention's Dates and Data, these being in the Style and Form of Syndicated Media Features. Figure 10A contains: top, an ephemeris listing the planetary component positions for the day, September 24, 1999; middle, a grid of the aspects between the planets for example day, and bottom, a table listing, for each zodiac sign, any planets in that sign that day and any aspects made between planets (in their particular signs) and that particular zodiac sign. Figure 10B contains Celebrity Profiles by Invention, brief astrological sketches of eight celebrities. <u>Figure 10C diagrams the Horoscope Generating Process, implemented in the generation of Figures 10 and 10A.</u>

Figure 11 shows three Astrological System Perspective Natal Charts, showing alternative vantages of the subject's position

along the zodiac from the perspective of each planetary component.
Figure 11A presents the zodiac component Data and Astrological

Disposition for the example subject of Figure 11, for each of its three Astrological System Perspectives. Figure 11B presents the Astrological Mapping Device of Figure 9F, but with its perimeter band of zodiac constellation markings proceeding in Reversed, clockwise, order around the band from the vernal equinox origin. Figure 11C provides the Opposite Sign Method, implemented in the Figures 11 and 11A.

Figure 12, the invention's System Sets of Correspondences between Astrology and Tarot Major Arcanum, Court Cards, Elements. Figure 12AI lists the Correspondences of the Zodiac Signs to Major Arcanum XI to XXII dependent upon the "Age" or Sign marking the vernal equinox origin as card XI. Figure 12AII shows the Arabic number for each Major Arcanum, and a traditional Image and Meaning of each Major Arcanum card. Figure 12B shows the processed Astrological Tarot Correspondences for subject example, including subject's Astrological Tarot Disposition. Figures 12BI and 12BII show Astrological Tarot Correspondences for subject example, utilizing subject's Western tropical and Eastern sidereal data. Figure 12C shows, top, an Astrological Tarot Device for mapping a subject Astrological Tarot Chart; bottom, Chart mapped for a subject. The Figure 12D presents drawing of an Astrological Tarot Chart Spread, top, and Grid of Astrological Tarot Aspects, bottom. Figure 12EI presents the Correspondences between the four Court Cards and Astrological Natures, and between the four Suits and Elements, and shows Correspondences between the three Court Cards (of some decks) and Astrological Natures. The drawing shows the Composition of two unique Astrological Tarot Decks. Figure 12EII continues from Figure 12EI, showing the numbered Suit Cards, from 1 to 10, and the Corresponding Planet and Major Arcanum Card associated with each Number. The Figure 12EII contains the tarot Court Cards per Deck of 78 and 74 Cards, and contains each court card by suit, with its corresponding Zodiac Sign. Figure 12EIII further describes Astrological Tarot Decks, providing examples of Major Arcanum to

Zodiac Planet and Sign Correspondences. Figure 12EIII, 78-Card
Astrological Tarot Deck and 74-Card Deck. Figure 12EIV describes

Figure 21 specifies Means for Determining the Precise Marking of the Origin (Vernal Equinox), and contains Means for Precisely Precessing the Origin (Vernal Equinox).

Figure 22 contains Methods and Means for Determining Astrological Artifacts per invention, including, by Conversion and Correction of prior art data, apparatuses, systems. Figure 22A provides the Method for Improving Astronomy Planetarium Programs for Astrological Usage.

DESCRIPTION OF THE INVENTION

The present invention relates to methods, processes, systems and apparatuses for determining the signs under which a person is born, and for pluralities of subjects, by determining the zodiac positions for Sun signs and planetary and axial components within the constellations, as of a selected date and as annual sets of dates throughout time, as novel zodiac component data; processing the innovative zodiac component data into astrologers' artifacts; and utilizing such unique data and artifacts to predict, reveal, comment, interpret and entertain the astrological character of the subject(s), as based on the data of zodiac signs and components.

The invention's locating methods and celestial mapping systems determine the positions of the twelve zodiac signs, and the positions of the zodiac components based thereon, respective the zodiac constellations. The Aries, Taurus, Gemini, Cancer, Leo, Virgo, Libra, Scorpio, Sagittarius, Capricorn, Aquarius and Pisces zodiac signs are determined with regard to their respectively named Aries, Taurus, Gemini, Cancer, Leo, Virgo, Libra, Scorpio, Sagittarius, Capricorn, Aquarius and Pisces zodiac constellations.

Each zodiac sign with constellation is provided a uniform 30 degree arc of a 360° coordinate sphere, in any vernal equinox-based coordinate mapping system, such as ecliptic, equatorial or rectangular, with the conversion between these systems provided in the Technical Means section and in the Figure 22, each degree

being further divisible by sixty minutes, and each minute by sixty seconds, with precise determinations of planetary positions within

astrology. As an alternative or additional representation of the data, each component position can be rendered precisely using the actual layout of stars in the zodiac sign constellations, overriding, supplementing or qualifying the 30/360 component data, if any component is found to be within, or is considered nearer to, the imaged outline or boundaries of another one of the zodiac signs in constellation. Figure 1, bottom, Positions of the Zodiac Constellations, is used to make determinations of positions based on constellations. These positions and the data based thereon, can substitute for or modify positions determined, 30° per sign.

The three methods of determining the positions of the zodiac signs, described and implemented herein, are summarized in Figure 1A, 1B and 1C, of the 30/360 grid-based method, the star-based method, and the symbol-based method, respectively. Utilizing one of more of these methods to determining the positions of zodiac components for a subject inquiry based on the positions of the zodiac signs further yields the method for revelation or prediction of a subject's astrological character, this predictive method presented in the drawing, Figure 1D.

In order to map the longitudinal positions of the zodiac constellations, it was first necessary to Catalogue the Fixed Stars of the Zodiac Constellations in ecliptic coordinates, by longitude and latitude. Such position catalogue is invented in Figures 2A, B, C and D, longitudinal positions given in degree of 360. In the right column, star position is given by 30/360 Signs.

The invented process for measuring the ecliptic positions of the stars and stellar objects of the zodiac constellations, and of any heavenly star, object, or constellation, enabling the cataloguing of said stars, objects, and constellations, in celestial longitude and latitude, as ecliptic coordinate data, proceeds by converting position data in non-ecliptic coordinates.

Expressly, the equatorial position data of individual stars and objects is utilized, wherein said equatorial position data

comprised a star's or object's celestial position by right ascension, α, and by declination, δ, which further comprises, first converting said right ascension data into degree of 360, proceeding east from equatorial system origin at vernal equinox, having said declination data in degrees north (+) or south (-);

solving for said latitude, β, from said equatorial data by:

$$\beta \quad = \quad arcsin\ (-cos\delta\ sin\alpha\ sin\varepsilon + sin\delta\ cos\varepsilon),$$

wherein ε, the obliquity of the ecliptic, in degrees;

solving for said longitude, λ, from said α, δ and β data by:

$$\lambda = \arccos((\cos\delta \cos\alpha)/\cos\beta),$$

which further comprises for said stars and said objects having right ascension data greater than 180 degrees, solving for said longitude, λ, from said α, δ and β data by:

$$\lambda = 360 - \arccos((\cos\delta \cos\alpha)/\cos\beta);$$

yielding said data, of celestial longitude and latitude.

Therefrom, a catalogue of the ecliptic coordinate positions of the stars and stellar objects of the zodiac constellations was generated, wherein said ecliptic coordinate positions of individual stars and objects are ecliptic coordinate data: by celestial longitude, in degree of 360, and by latitude, in degrees north or south; as well as by longitudinal data of zodiac signs of uniform (by Figure 1 Top) and non-uniform span (creating Figure 1 Bottom); and by zodiac symbols and the symbols' parts.

The process invented and implemented for measuring the ecliptic positions of the stars and stellar objects is diagrammed in Figure 2. The catalogue of the zodiac symbols and symbol parts mapped to the stars of zodiac constellations, Figures 2E-2H.

The invention's locating methods and mapping system, and utilization of the effects of precession over time, provide the basis in determining the calendar dates of the zodiac signs, useful for deriving astrological data, artifacts and information.

Therefrom, the Sun's position and Sun ("Birth") Signs and calendar dates' correspondences have been derived, as were the lunar animal calendar dates and ascendants. Such lists of zodiac signs by calendar dates, provided in the media, in horoscopes, in print, production, distribution, publishing, broadcasting and disclosure, center, originate, at the sign on the vernal equinox.

Figure 3 presents an innovative Unification of Sun ("Birth") Signs and Lunar ("Animal") Signs by Dates, made for year, 1998 AD. These month-long visits in a sign are the crux and core components of astrology's syndicated features, such as daily horoscopes.

Beneath, Sun and Lunar Sign Positions at Equinoxes and Solstices. At bottom, Chinese Lunar Signs and Chinese Ascendant for Hours and Solar Zodiac Sign Correspondences by Invention and by Western Prior Art.

interpretative astrological comment, but rather supports it with the foundation of empirically valid zodiac positions. The invention allows the same personality traits to be discussed and pinpointed, though the analytic causality is different, since the invention identifies astrological components in zodiac positions at variance from the prior art positions.

From an astrologer's perspective, the celebrity profiles generated by the invention are arguably superior to the prior art profiles, since the analysis of celebrity personalities rests on stronger astrological causality. For instance, pronounced competitive spirit is attributed to Mars in its ruler of Aries, which Steffi Graf has by the methods of the invention. Jillson attributes this to Mars in Taurus, which is a weaker position for Mars. Similarly, Donald Trump's well-known activities and personality stem from his Sun in Taurus, this sign ruling personal property, real estate, physical beauty, love of riches and bodily pleasure. The profile by invention features this, while the prior art places his Sun in Gemini, the sign ruling the mind, communication, education and ideas. Because the Sun is a preeminent planet, if it were in Gemini, astrology indicates a fully different life focus, personality and purpose from Donald Trump than the self-made, real-estate, casino and beauty-pageant mogul.

The Figure 10C diagrams the invention's horoscope generating process, utilized in the creation of Figure 10 horoscopes, and implemented in the supporting drawing containing the processed matter, Figure 10A.

Ancient maps of the heavens, however, were as apt to be drawn from the vantage looking in on earth, with the order of the constellations, the zodiac included, then being reversed in order and motion, from the earth-centered, outward-looking, vantage. From their system perspective, the subject is found in the opposite zodiac sign, and the zodiac sign order is reversed.

Figure 11 shows three Astrological System Perspective Natal Charts, showing alternative vantages of the subject's position along the zodiac from the perspective of each planetary component.

The top astrological artifact of Figure 11, a Natal Chart for Example subject, born November 21st, 1960, at 5:50 AM in

or who am I in or outside". To see how "God" views you, look from God's view.

Figure 11A presents the zodiac component data and astrological disposition for the example subject of Figure 11, for each of its three astrological system perspective charts. As is apparent from the charts, data and dispositions of Figures 11 and 11A, the subject, from an opposite perspective, has a preponderance of planets in "young" signs, in Aries and Gemini, opposite the invention's 30/360 grid-based component placements in Libra and Sagittarius, respectively. The opposite and reversed chart, data and disposition reveal this "youthfulness" as domiciled in the sixth house, of work, and in the subject's fifth house, of creativity.

Figure 11B presents the astrological mapping device of Figure 9F with its perimeter band of zodiac constellation markings proceeding in reversed, clockwise, order around the band from the vernal equinox origin marked at the division separating Aquarius and Pisces. Figure 11B is basis of the reversed, and opposite and reversed, charts, drawn in Figure 11. The vernal equinox origin is marked in opposite sign, at the line separating Virgo and Leo.

The Figure 11C contains the steps of the invention's opposite vantage astrological method, which is utilized and implemented in the Figures 11 and 11A.

Figure 12, compiled data, System Sets of Correspondences. This invention's system of correspondences between Astrology and Tarot assign the ten Planets of astrology to the first part of the Major Arcanum of the tarot deck, numbered I to X, herein starting with I corresponding to the Sun, then II to Mercury, III to Venus, IV to Mars, V to Jupiter, VI to Saturn, VII to Uranus, VIII to Neptune, IX to Pluto and X to the Moon. The remaining twelve cards of the Major Arcanum, numbered XI to XXII (or 0), are set, being assigned the correspondences to the twelve Zodiac Signs of astrology, starting with XI corresponding to Aries, XII

to Taurus, XIII to Gemini, XIV to Cancer, XV to Leo, XVI to Virgo, XVII to Libra, XVIII to Scorpio, XIX to Sagittarius, XX to Capricorn, XXI to Aquarius and, last, XXII (or 0) to Pisces.

services content, data, artifacts and information, using a caching proxy server to store member databases and archives. Payment is membership fee or per service.

In the example of Figure 15, the open access FTP content and pay-for-services content pertains to the invention's content, data, artifacts and information, as well as to prior art's. These include, horoscopes, natal, progressed, transit and synnastry data, charts, dispositions and profiles, plus Eastern Style and Chinese lunar sign data, artifacts and information. Included are the computations and identifications of alpha-numerology, astrology and tarot.

The server system can host the content of divers industries. For instance, the member and pay-for-services content can be music files, such as the songs or CDs of the industry recording artists.

The Figures 15A, 15B and 15C provide examples of content and services provided by an astrology, tarot or numerology internet web site, or by computer programs and professionals, per Invention, being a subject's profile, interpretation and prediction, for same subject, David Andrew D'Zmura, born November 21, 1960 at 5:50AM in Cincinnati, Ohio, United States of America.

Figure 16 is a Functional Specification in Diagram for computer-based devices or programs, performing per the Invention. The computer program of Figure 16 commences from user inputs of subject name, a date for the subject, and a place and time for the subject date. From the name of subject, the alpha-numerical identifications proceed, utilizing the correspondence system of Figure 14, with the identifications output. From the date for the subject, typically a birth date, the numerology for the date proceeds, utilizing the correspondence system of Figure 13, the three identifications are computed, of Day, Digit and Decade, with the identifications output. From the date of subject and the place and local time for that date, the astrological artifacts proceeds. At user selection, the mapping system's origin is

precisely set, drawing on the invention's twelve setting means, of Figure 21. Also set, or preset, is the unique system perspective, of earth-, solar- and luminary-centered vantages, of Figure 1 through Figure 10 and the Figures 11, see also the

6) demarcation and delineation of the coordinate sphere by longitude and latitude.

The invention's method for improving astronomy planetarium programs, outlined above, is provided in drawing, Figure 22A.

The Figure 22 contains Methods and Means for Determining Astrological Artifacts per invention, including, by Conversion and Correction of prior art data, apparatuses and systems. The goal is to create invention's component data and artifacts in 30/360° coordinate system of astrological convention. Conventions are: positions are given in ecliptic coordinates of celestial longitude (and latitude), positions by sign (and to degree); and, twelve zodiac signs on the ecliptic belt, each sign uniform 30 degrees of 360. Convention: vernal equinox origin is first point.

The means and methods for determining position, further elaborated with remarks and relations in the drawing, include:

1) adjust astronomers' data in ephemerides, charts of positions, calendars, catalogues, sky maps, computer planetarium programs;

1a) adjust planetary astronomy's prior art ecliptic data, stated for zodiac sign, west one zodiac sign (each sign 30/360),
celestial longitude data is adjusted for elapsed general precession since time when first point of Aries marked origin;

1b) adjust astronomy's prior art non-ecliptic coordinate system data, of equatorial, rectangular, equatorial rectangular,
ecliptic coordinate data is converted from other coordinate systems by standard conversions, origin Aquarius 30°/Pisces 0°;

1c) adjust astronomy's prior art data stated for position types to useful data, being of apparent position to observer,
trivial differences from apparent position are corrected;